

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

Date of Reporting: 11-Jul-17
System Reliability Indices Report for: 10-Jul-17

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
5	NER Import	15	3.50	17.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	NER Import	38	9.50	39.58

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the day of 10-Jul-2017

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	789	750	771
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	739	757
	Moga	0.00%	100.00%	05-07-2017	0.00%	776	755	772
	Phagi	0.00%	100.00%	04-07-2017	4292000.00%	790	748	774
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	799	774	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	794	775	786
	Gwalior	0.00%	100.00%	0.00%	0.00%	790	753	775
	Sholapur	0.00%	95.76%	4.24%	4.24%	806	780	791
	Vadodara	0.00%	100.00%	0.00%	0.00%	789	768	782
SR	Nellore PS	0.00%	100.00%	0.00%	0.00%	795	779	785
	Raichur	0.00%	99.17%	0.83%	0.83%	803	779	789
	Thiruvalam	0.00%	94.17%	5.83%	5.83%	812	788	795
ER	Gaya	0.00%	100.00%	0.00%	0.00%	779	756	769
	Jharsuguda	1500.00%	350.00%	1700.00%	3200.00%	801	773	793
	Ranchi	0.00%	100.00%	0.00%	0.00%	794	772	785
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	413	701	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	404	388	397
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	402	408

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.